

PLEASE AMEND THE SPECIFICATION AS FOLLOWS:

Please replace paragraph 44 with the following:

Nano/macrosized optical elements 12 arranged in an array format 2 with more than one pixel per nano-sized optical element will become an imaging device itself rather than a light sensor (see FIG. 1).

Please replace paragraph 48 with the following:

By spherizing the sensor array 4 in a 3-dimensional fashion (see FIG. 2) and by combining the information together by stitching, one obtains a full 360 degree "fish-eye" imaging capability in all 3-dimensions for wide angle view detection. The image may be processed subsequently to produce either fisheye, rectilinear or other map projection formulae.

Please replace paragraph 49 with the following:

Furthermore, multiple cameras 14 may be distributed in space and connected to each other (see FIG. 3) and or a central processor 7 by wire 16 or wirelessly it will be possible to enable retrieval of information from multiple sensors or sensor arrays 2. This information can be assembled interferometrically such as in a large radio telescope array or to create multiple viewpoints seeing around obstacles. It can also be employed as a tracking device enabling full 3-dimensional capability as well as a "measurement station" making true 3-dimensional metric determination of an unknown object.